Table 1: June 11, 1997 - Subsystem Status.

SS No.	SS Lead	• Status	Problems
1.0	Escuadra	• Continuing development of the Release 2 flight ready system. (Anselmo, Cooper, Escuadra, Hess, Rodier) • Design and implement QC Reports. (Cooper, Hess) • Adding CERES customizations to the new version of StP. (Spence) • Test Plan being updated for official Release 2 DAAC delivery at the end of June. (Filer) • TRMM SIM #3 preparation. (Cooper, Hess, Nguyen, Weaver) • View_HDF updates to allow viewing of Digital Data Parameters. (Gibson, Lee)	
2.0	Chang	• Completed and delivered the ERBE-like release 2 delivery package including Delivery Memo, Test Plan, software and ancillary data, and test data to the CERES CM team for its delivery to the DAAC. (Chang, Snell) • Processed 04/05/85 ERBS data through ERBE-like inversion program on samantha and thunder to compare the output QC reports with those from the earlier runs on samantha. (Chang) • Modified the S8 to pre-ES8 conversion program to apply Richard's new offsets to the NOAA9 data. (Chang) • Processed 04/85 NOAA9 data using Richard's new offsets on samantha through ERBE-like Subsystems 2 and 3. The output results were moved to thunder for Richard and Dave. (Chang)	
3.0	Chang	• Combined with above.	

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SS No.	SS Lead	• Status	Problems
4.1	Murray	• Compiled and executed 4.1-4.3 under Toolkit 5.2 on blizzard successfully. (McIntire) • Interfaced with TSDIS regarding their "non-compliant" metadata. Tested and debugged VIRS metadata read routines using TRMM Simulation #2 data. Updated code to retrieve VIRS imager version from VIRS metadata and put in Cookiedough header. (McIntire) • Completed coding and began testing of CloudVis postprocessor. (McIntire) • Designed, coded, tested, and made available to SGI F90 compiler users a fortran90 wrapper for the C_WriteMeta routine. (McIntire) • Began/Completed 7-Day Working Group Acceptance Test. (McIntire/Murray) • Integrated and delivery of new CRH and CRH update code. Observed known problems with F90 WriteMeta routine. Subsequent tests failed to have this problem. (Murray) • Integrated an updated version of the VINT algorithm that uses the CERES Cloud Mask in lieu of its own. Tracked down interface problems with Pat Heck and verified its correctness. (Murray) • Implemented and tested a Cloud Adjacency algorithm which will be used to remove cloud contaminated pixels from cloud sensitive algorithms. (Murray) •	
4.2	Murray	• Combined with above.	
4.3	Murray	• Combined with above.	

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SS No.	SS Lead	• Status	Problems
4.4	McKin-ley	• Integrated the hourly binary quality control for the SSF into the code. (Miller) • Started the 7 day science test. (McKinley, Miller) • Resolved ambiguous angle problem in calculating viewing angle due to large data gap. (McKinley) • Answered questions about quality control, product specific metadata, and quality assurance flag from science team. (McKinley, Miller) • Tested several new methods to determine cloud layers at the footprint level and drafted report on results. (Miller) • Committed Release 1 code to CVS configuration management software and started comparison of Release 2 code for committing. (Miller) • Established high-performance version of 4.4 as the baseline Release 2 implementation. (Miller) • Worked with SARB group to correct a discrepancy observed in SSF between spectral reflectivity and broadband albedo values. (McKinley, Rutan) • Devised and tested a computationally clean correction for a negative-return problem in the JULCAL subroutines in CERESLIB and ERBELIB. Changes were submitted for formal implementation in the libraries. These changes supersede related changes made to ceres_time in May 1997. (McKinley)	
4.5	Nolan	• Continued work on Subsystem 4.5 and 4.6 Metadata and QC parameters definitions. (Nolan) • Continued work to define Subsystem 4.5 and 4.6 production rules. (Nolan) • Continued prologue documentation for the SSF to HDF post processor software. (Franklin) • Continued work to create an HDF file from the SSF containing only Vdatas. (Franklin) • Completed work to update the C version of SSF read program. (Brown) • Updated sample test plan for Subsystems 4.5 and 4.6. (Nolan, Franklin)	
4.6	Nolan	• Combined with above.	

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SS No.	SS Lead	• Status	Problems
5.0	Coleman	• Continuing to implement logic to use surface elevation from SSF instead of MOA. (Gupta) • Updated CRS Compare utility that will be included in the DAAC delivery to reflect Release 2 changes. (Coleman)	
7.2	Coleman	• Combined with above	
12.0	Coleman	• Obtained NVAP microwave water vapor climatology. Now building SSM/I climatology from NVAP climatology for use in production data gaps. (Kizer) • Incorporated and tested logic to use EP-TOMS ozone data as a backup source in the event that SMOBA data is unavailable. Generated a couple of test days. Did not replace Release 2 MOA files on MASSTOR currently used by CERES team with test MOA files containing new ozone data, but we will rerun full month of MOAs in a few weeks with the new ozone data. Anyone using the MOA ozone needs to keep this in mind as they baseline their results (we do plan to send notice). (Kizer) • Completed logic to add u and v wind speed vectors at the surface (10 meters) to the MOA. Future MOAs produced (see above bullet) will also contain these data. (Kizer)	
7.1	Jimenez	• Combined with below	
8.0	Jimenez	• Combined with below	
10.0	Jimenez	• Finished modifying code to add optical depth interpolation methods received from Dave Young. Need to test. (Jimenez) • Began modifying code to accommodate new surface algorithms to be used for SS10. (Jimenez) • Modified code to handle data gaps in the GGEO data of more than 6 hours. (Jimenez) • Began generating sample input for testing. (Raju)	

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SS No.	SS Lead	• Status	Problems
6.0	McKoy	• Continued updating the type definitions and averaging routines within the code. (McKoy) • No status update on the cloud category algorithm. (McKoy) • No status update on the file/month boundary problem. (McKoy, Jimenez)	
9.0	McKoy	• Combined with above.	
11.0	Stassi/ Fan	• Integrating Meteosat navigational routine into GGEO code. (Stassi)	
CERESlib Stassi/ Fan		• Completed modifications to the CERESlib Test Plan Document and to the CERESlib Delivery Memo. CERESlib was delivered to the DAAC. (CERES CM Team, Stassi) • Testing Toolkit version 5.2. (Fan)	
CM	Ayers	• CERESLIB was delivered to the DAAC. (McKoy, Hyer) • Received the delivery package from Erbe-like. (Mckoy) • A script was written to generate the listings for each tar file. This script has been provided to the DAAC per DAAC request. (McKoy)	
IST	Flug	• Merged snap files and BDS snap files for day 8 and day 9 of sim#2 with the latest version of BDS files. (Nguyen) • Cleaned and stored sim#2 for the three machines: Flug, Blackhole, Opticalmom to prepare for sim#3. (Nguyen) • Continue checking the CERES planning aids, communication schedule, sun angle files received for sim#3 from the Web. (Nguyen)	